

Figure 1

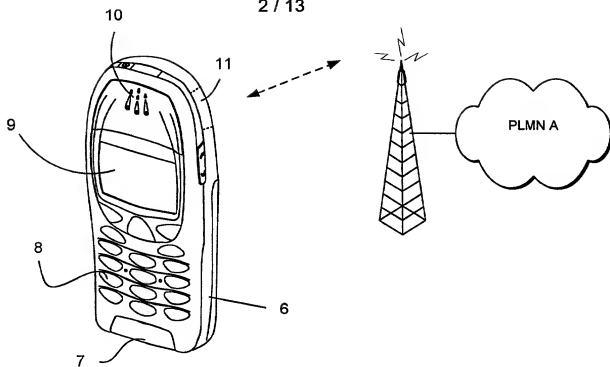


Figure 2

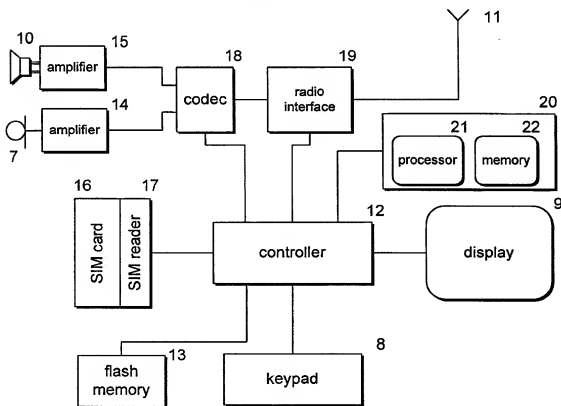


Figure 3

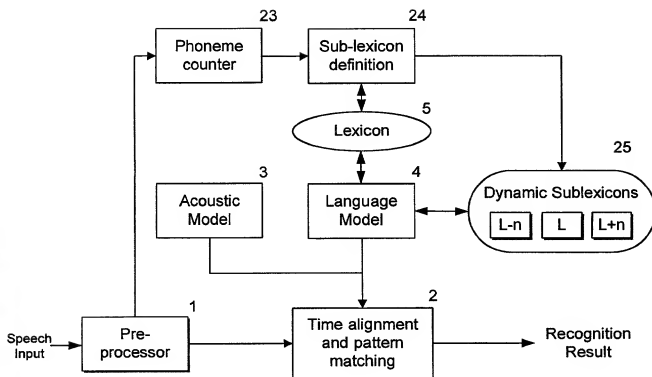


Figure 4

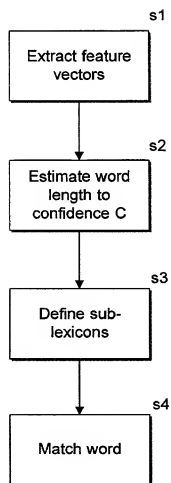


Figure 5

10020095.1.24901

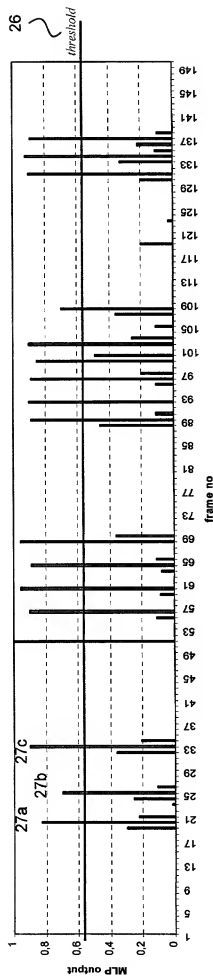
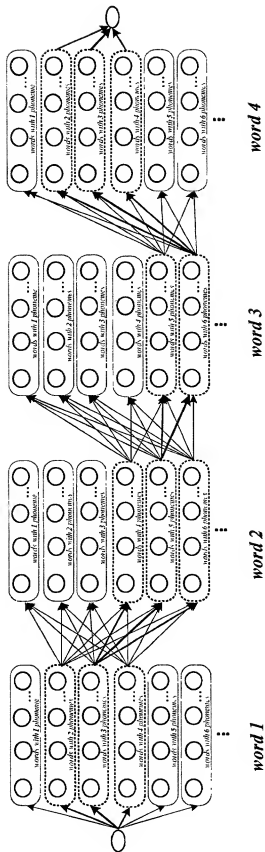


Figure 6

106121" 56802001

## US test clean

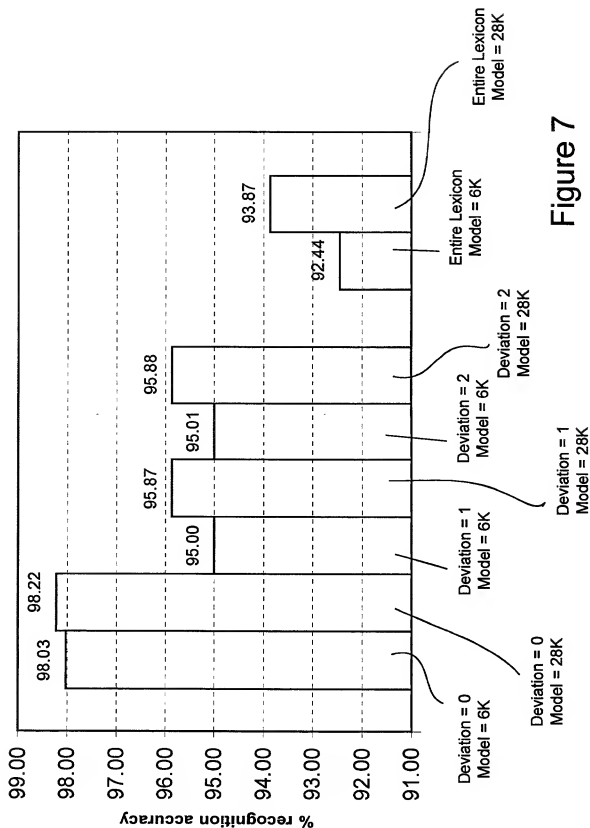


Figure 7

## US test SNR=5dB

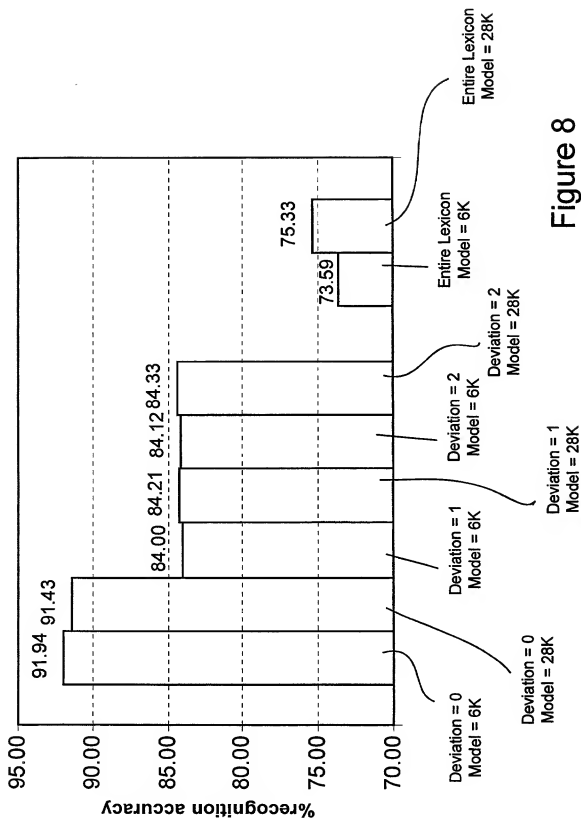


Figure 8

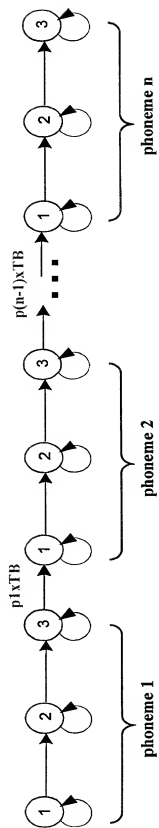


Figure 9



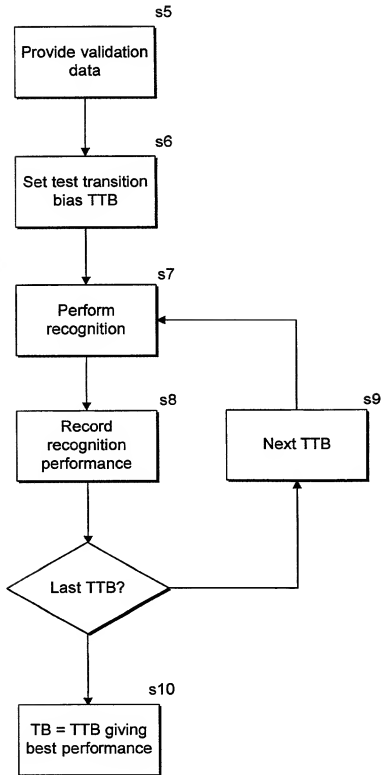


Figure 10

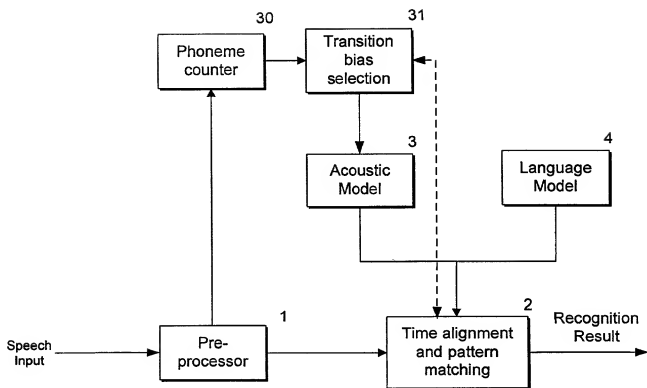


Figure 11

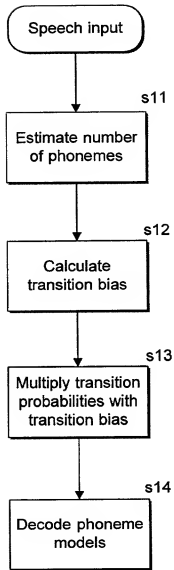


Figure 12

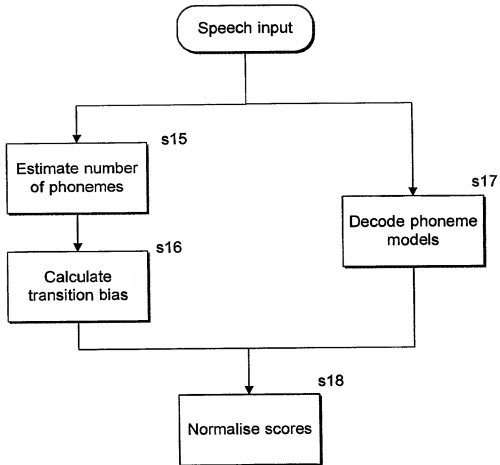


Figure 13

Impact of Transition Bias on relatively short and long utterances in US test database

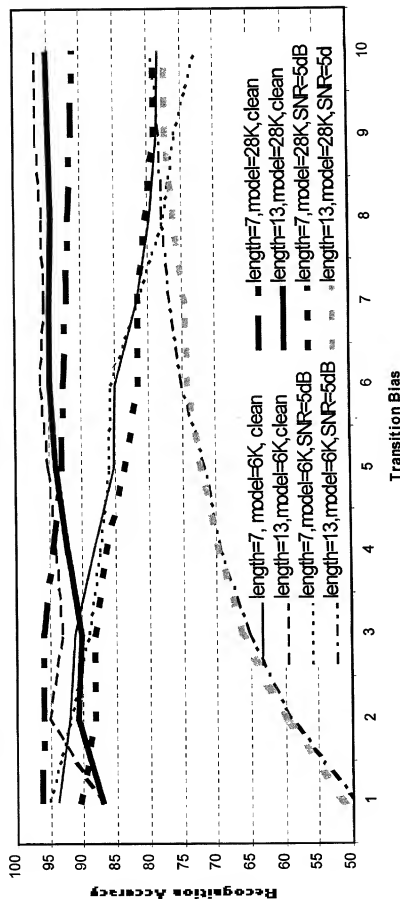


Figure 14